

# **MARICOPA COUNTY HEALTH CODE**

## **CHAPTER VI**

### **BATHING PLACES - PUBLIC AND SEMIPUBLIC SWIMMING POOLS**

#### **SECTION 2**

#### **WATER QUALITY STANDARDS**

##### **REGULATION 1. Quality of Water**

Swimming pool water shall be treated and maintained so that, whenever the swimming pool is open for use, the bacterial, chemical and physical quality of the water meets the standards set forth in these regulations.

##### **REGULATION 2. Water Source**

Only water from approved sources shall be used in swimming pools and other bathing places. Wastewater and reclaimed wastewater are not approved sources.

##### **REGULATION 3. Bacterial Standards**

Not more than 15 percent of the water samples collected from a pool shall:

1. Contain more than 200 bacteria per milliliter, as determined by the standard (35°) agar plate count, or
2. Show a confirmed positive test for coliform organisms in any of the five-10 milliliter portions of a sample, or more than one coliform organism per 50 milliliters when the membrane filter test is used. All samples shall be collected, dechlorinated, or similarly neutralized when another disinfectant is used, and examined in accordance with the procedures outlined in the latest edition of "Standard Methods for the Examination of Water and Wastewater". The Department may collect, or require the owner to collect and submit, water samples for bacteriological examination on a routine basis while it is in active use.

##### **REGULATION 4. Chemical Standards**

Pool shall be continuously disinfected by an approved means which will maintain an adequate readily measurable residual of disinfectant in the water. Whenever chlorine, or a chlorine compound, is employed for pool disinfection, the amount of free chlorine residual in the water shall not be less than 1.0 ppm or more than 2.0 ppm for public and semipublic swimming pools, and shall not be less than 1.0 ppm or more than 3.0 ppm for a hydrotherapy pool, at a pH of 7.0 to 8.0. Whenever chlorinated isocyanurate or isocyanuric acid are applied to the water for stabilization, a level of 100 ppm or less shall be maintained. The procedure for determination of free chlorine residual shall be by the DPD method or any of the other procedures outlined in the latest edition of "Standard Methods for Examination of Water or Wastewater".

##### **REGULATION 5. Physical Standards**

The surface of the pool water shall be kept free of scum and floating debris. The bottom and sides shall be maintained free of sediment, dirt, slime and algae. Water shall be maintained free of turbidity and shall be sufficiently clear so that the main drain outlet is clearly visible to an adult standing on the pool deck, or that a Secchi Disk 200 mm in diameter when placed at the bottom of the pool at the deepest point is clearly visible to an adult standing on the pool deck.

#### **REGULATION 6. Tests**

All pools shall be equipped with approved test equipment to determine pH and disinfectant residual. The pool operator shall perform the tests required by this regulation, and shall record the results of the tests in the daily operating records. Such records shall be made available to the Department upon request.